Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10729622 Filing Date 2003-12-05 First Named Inventor Mark E. Deem Art Unit 3734 Examiner Name Kevin Thao Truong Attorney Docket Number SATTY 69233

	U.S.PATENTS Remove					
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
W	1	44962888		1987-09-29	KUZMAK	
	2	4547192		1985-10-15	BRODSKY ET AL.	
	3	4610383		1986-09-09	ROTHFUSS ET AL.	
	4	4790294		1988-12-13	ALLRED, III ET AL.	
	5	4841888		1989-06-27	MILLS ET AL.	
	6	5037021		1991-08-06	MILLS ET AL.	
	7	5156609		1992-10-20	NAKAO ET AL.	
	8	5222961		1993-06-29	NAKAO ET AL.	

Application Number		10729622		
Filing Date		2003-12-05		
First Named Inventor	Mark	E. Deem		
Art Unit		3734		
Examiner Name	Kevin	n Thao Truong		
Attorney Docket Numb	er	SATTY 69233		

h	9	5284128	1994-02-08	HART
	10	5327914	1994-07-12	SHLAIN
	11	5330486	1994-07-19	WILK
	12	5330503	1994-07-19	YOON
	13	5345949	1994-09-13	SHLAIN
	14	5355897	1994-10-18	PIETRAFITTA ET AL.
	15	5382231	1995-01-17	SHLAIN
	16	5403326	1995-04-04	HARRISON ET AL.
	17	5437291	1995-08-01	PASRICHA ET AL.
	18	5462559	1995-10-31	AHMED
ly	19	5527319	1996-06-18	GREEN ET AL.

Application Number		10729622
Filing Date		2003-12-05
First Named Inventor Mark		E. Deem
Art Unit		3734
Examiner Name Kevin		n Thao Truong
Attorney Docket Number		SATTY 69233

h	20	5549621	1996-08-27	BESSLER ET AL.
	21	5551622	1996-09-03	YOON
	22	5571116	1996-11-05	BOLANOS ET AL.
	23	5582616	1996-12-10	BOLDUC ET AL.
	24	5584861	1996-12-17	SWAIN ET AL.
	25	5607094	1997-03-04	CLARK ET AL.
	26	5624381	1997-04-29	KIETURAKIS
	27	5562588	1997-05-06	SAUER ET AL.
	28	5651769	1997-07-29	WAXMAN ET AL.
	29	5655698	1997-08-12	YOON
h	30	5676674	1997-10-14	BOLANOS ET AL.

Application Number		10729622	
Filing Date		2003-12-05	
First Named Inventor Man		E. Deem	
Art Unit		3734	
Examiner Name Kevir		n Thao Truong	
Attorney Docket Number		SATTY 69233	

M	31	5690656	1997-11-25	COPE ET AL.	
	32	5722990	1998-03-03	SUGARBAKER ET AL.	
	33	5728178	1998-03-17	BUFFINGTON ET AL.	
	34	5749893	1998-05-12	VIDAL ET AL.	
	35	5755730	1998-05-26	SWAIN ET AL.	
	36	5782844	1998-07-21	YOON ET AL.	
	37	5810851	1998-09-22	YOON	
	38	5810882	1998-09-22	BOLDUC ET AL.	
	39	5824008	1998-10-20	BOLDUC ET AL.	
	40	5827298	1998-10-27	HART ET AL.	
h	41	5868141	1999-02-09	ELLIAS	

Application Number		10729622		
Filing Date		2003-12-05		
First Named Inventor	Mark	E. Deem		
Art Unit		3734		
Examiner Name	Kevin	Thao Truong		
Attorney Docket Numb	er	SATTY 69233		

4	42	5879371		1999-03-09	GARDINER ET AL.		
	43	5887594		1999-03-30	LoCICERO, III		
	44	5897534		1999-04-27	HEIM ET AL.		
	45	5897562		1999-04-27	BOLANOS ET AL.		
	46	5910105		1999-06-08	SWAIN ET AL.		
	47	5928264		1999-07-27	SUGARBAKER ET AL.		
	48	5947983		1999-09-07	SOLAR ET AL.		
	49	5964772		1999-10-12	BOLDUC ET AL.		
	50	5964782		1999-10-12	LAFONTAINE ET AL.		
If you wis	If you wish to add additional U.S. Patent citation information please click the Add button. Add						
			U.S.P	ATENT APPLI	CATION PUBLICATIONS	Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	

. 1.

Application Number		10729622		
Filing Date		2003-12-05		
First Named Inventor	Mark	E. Deem		
Art Unit		3734		
Examiner Name	Kevin	Thao Truong		
Attorney Docket Numb	er	SATTY 69233		

ı			 	•				—
	1							
If you wish	n to ac	l dd additional U.S. Pub				please click the Add butto		
			FOR	EIGN PAT	ENT DOCUM	IENTS	Remove	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
h	1	WO99/53827	PC	A1	1999-10-28	MILLS ET AL.		
	2	WO0078227	PC	A1	2000-12-28	LAUFER ET AL.		
	3	WO0078229	PC	A1	2000-12-28	LAUFER ET AL.		
	4	WO0185034	PC	A1	2002-11-15	GEITZ		
	5	WO0224080	PC	A2	2002-03-28	SCHURR ET AL.		
	6	WO02039880	PC	A2	2002-05-23	McCLELLAN ET AL.		
	7	WO02096327	PC	A2	2002-12-05	WELLER ET AL.		
h	8	WO03007796	PC	A2	2003-01-30	LAUFER ET AL.		

Application Number		10729622	
Filing Date		2003-12-05	
First Named Inventor	Mark	E. Deem	
Art Unit		3734	
Examiner Name	Kevin	Thao Truong	
Attorney Docket Numb	er	SATTY 69233	

1	9	WO03	105563	PC	A2	2003-12-24	SAADAT ET AL.				
4	10	WO03	105671	PC	A2	2003-12-24	EWERS ET AL.				
If you wis	h to a	dd add	itional Foreign P	atent Document	citation	information pl	ease click the Add buttor	Add			
				NON-PATE	NT LITE	RATURE DO	CUMENTS	Remove			
Examiner Initials*	Cite No linclude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.										
W	1		DAVENPORT, HORACE W., Ph.D., D.Sc., PHYSIOLOGY OF THE DIGESTIVE TRACT: AN INTRODUCTORY TEXT, 3d Ed., Cover and Table of Contents (undated)								
	2	DeMEESTER, TOM T., M.D., "Evolving Concepts of Reflux: The Ups and Downs of the LES," Canadian Journal of Gastroenterology, Vol. 16, No. 5, pp. 327-331, 2002									
If you wis	h to a	dd add	litional non-pater	nt literature docu	ment ci	tation informat	ion please click the Add	button Add			
				EX	AMINE	R SIGNATUR	E				
Examiner Signature Date Considered 10/27/107											
*EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.											

	Application Number		10729622
	Filing Date		2003-12-06
INFORMATION DISCLOSURE	First Named Inventor	rst Named Inventor Mark E. Deem	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3734
(NOTION SUBMISSION UNICE STOP N 1.33)	Examiner Name	Kevin	Thao Truong
	Attorney Docket Numb	er	SATTY 69233

		Remove				
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
~	-1	5972001		1999-10-26	YOON	
	2	5976161		1999-11-02	KIRSCH ET AL.	
	3	6042538		2000-03-28	PUSKAS	
	4	6067991		2000-05-30	FORSELL	·
	5	6113609		2000-09-05	ADAMS	
	6	6159146		2000-12-12	EL GAZAYERLI	
	7	6165183		2000-12-26	KUEHN ET AL.	
	8	6179195		2001-01-30	ADAMS ET AL.	

Application Number		10729622			
Filing Date		2003-12-06			
First Named Inventor	Mark	E. Deem			
Art Unit		3734			
Examiner Name	Kevin	ı Thao Truong			
Attorney Docket Numb	er	SATTY 69233			

9	6197022		2001-03-06	BAKER			
10	6231561	B1	2001-05-15	FRAZIER ET AL,			
11	6254642	B1	2001-07-03	TAYLOR			
12	6328689	B1	2001-12-11	GONZALEZ ET AL.			
13	6447533	B1	2002-09-10	ADAMS			
14	6494888	B1	2002-12-17	LAUFER ET AL.			
15	6506196	B1	2003-01-14	LAUFER			
16	6558400		2003-05-06	-06 DEEM ET AL.			
17 6830546 B1 2004-12-14 CHIN ET AL.							
If you wish to add additional U.S. Patent citation information please click the Add button.							
U.S.PATENT APPLICATION PUBLICATIONS Remove							
Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Releva	Columns,Lines where int Passages or Relevant Appear	
	10 11 12 13 14 15 16 17 1 to ac	10 6231561 11 6254642 12 6328689 13 6447533 14 6494888 15 6506196 16 6558400 17 6830546 In to add additional U.S. Pater	10 6231561 B1 11 6254642 B1 12 6328689 B1 13 6447533 B1 14 6494888 B1 15 6506196 B1 16 6558400 B1 17 6830546 B1 To add additional U.S. Patent citation U.S.P	10 6231561 B1 2001-05-15 11 6254642 B1 2001-07-03 12 6328689 B1 2001-12-11 13 6447533 B1 2002-09-10 14 6494888 B1 2002-12-17 15 6506196 B1 2003-01-14 16 6558400 2003-05-06 17 6830546 B1 2004-12-14 18 to add additional U.S. Patent citation information p U.S.PATENT APPLI Cite Rublication Number Kind Publication	10 6231561 B1 2001-05-15 FRAZIER ET AL. 11 6254642 B1 2001-07-03 TAYLOR 12 6328689 B1 2001-12-11 GONZALEZ ET AL. 13 6447533 B1 2002-09-10 ADAMS 14 6494888 B1 2002-12-17 LAUFER ET AL. 15 6506196 B1 2003-01-14 LAUFER 16 6558400 2003-05-06 DEEM ET AL. 17 6830546 B1 2004-12-14 CHIN ET AL. 18 10 add additional U.S. Patent citation information please click the Add button. 18 U.S.PATENT APPLICATION PUBLICATIONS Cite Publication Number Kind Publication Name of Patentee or Applicant	10 6231561 B1 2001-05-15 FRAZIER ET AL. 11 6254642 B1 2001-07-03 TAYLOR 12 6328689 B1 2001-12-11 GONZALEZ ET AL. 13 6447533 B1 2002-09-10 ADAMS 14 6494888 B1 2002-12-17 LAUFER ET AL. 15 6506196 B1 2003-01-14 LAUFER 16 6558400 2003-05-06 DEEM ET AL. 17 6830546 B1 2004-12-14 CHIN ET AL. 18 10 add additional U.S. Patent citation information please click the Add button. U.S.PATENT APPLICATION PUBLICATIONS Cite Publication Number Kind Publication Name of Patentee or Applicant Releva	

Application Number		10729622		
Filing Date		2003-12-06		
First Named Inventor	Mark	E. Deem		
Art Unit		3734		
Examiner Name	Kevin	Thao Truong		
Attorney Docket Numb	per	SATTY 69233		

~	1	20020072761	A1	2002-06-13	ABRAMS ET AL.
	2	20020078967	A1	2002-06-27	SIXTO, JR. ET AL.
	3	20020082621	A1	2002-06-27	SCHURR ET AL.
	4	20020143346	A1	2002-10-03	McGUCKIN, JR. ET AL.
	5	20020193816	A1	2002-12-19	LAUFER ET AL.
	6	20030065359	A1	2003-04-03	WELLER ET AL.
	7	20030093117	A1	2003-05-15	SAADAT
	8	20030120289	A1	2003-06-26	McGUCKIN, JR. ET AL.
	9	20030158563	A1	2003-08-21	McCLELLAN ET AL.
	10	20030216754	A1	2003-11-20	KRAEMER ET AL.
	11	20040024386	A1	2004-02-05	DEEM ET AL.

Application Number 10729622 Filing Date 2003-12-06 INFORMATION DISCLOSURE First Named Inventor Mark E. Deem STATEMENT BY APPLICANT Art Unit 3734 (Not for submission under 37 CFR 1.99) **Kevin Thao Truong Examiner Name SATTY 69233** Attorney Docket Number 12 20050080438 A1 2005-04-14 WELLER ET AL. 20060111735 **A1** 2006-05-25 **CRAINICH** Add If you wish to add additional U.S. Published Application citation information please click the Add button. **FOREIGN PATENT DOCUMENTS** Remove Pages, Columns, Lines Name of Patentee or where Relevant Examiner Cite Country Kind Publication Foreign Document Ţ5 Applicant of cited Passages or Relevant Code² i Code⁴ Date Initial* No Number³ **Document** Figures Appear \Box 1 Add If you wish to add additional Foreign Patent Document citation information please click the Add button Removel **NON-PATENT LITERATURE DOCUMENTS** Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item Examiner Cite (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), **T**5 Initials* No publisher, city and/or country where published. 1 If you wish to add additional non-patent literature document citation information please click the Add button **EXAMINER SIGNATURE Date Considered Examiner Signature** *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at <u>www.USPTO.GOV</u> or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.